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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	RAGHU N. BHATTACHARYA		
SIA				Art Unit	Not Yet Accorded		
(Use as many sheets as necessary)			essary)	Examiner Name	Not Yet Accorded		
Sheet	1	of	1	Attorney Docket Number	NREL IR 03-23		

			U. S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite No.'	Document Number Number-Kind Code 2 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-1	us- 4,581,108	04/08/1986	KAPUR ET AL.	
	2	us- 4,612,411	09/16/1986	WIETING ET AL.	
	3	us- 5,078,803	01/07/1992	PIER ET AL.	
	4	us- 5,112,410	05/12/1992	CHEN	
	5	us- 5,486,238	01/23/1996	NAKAGAWA ET AL.	
	6	us- 5,474,939	12/12/1998	POLLOCK ET AL.	
	7	us- 5,731,031	03/24/1998	BHATTACHARYA ET AL.	
	8	us- 5,871,630	02/16/1999	BHATTACHARYA ET AL.	
	9	us- 6,061,977	05/16/2000	TOYAMA ET AL.	
	10	us- 6,259,015 B1	07/10/2001	NEGAMI ET AL.	
	11	us- 6,372,538 B1	04/16/2002	WENDT ET AL.	
	12	us- 2002/0043279 A1	04/18/2002	KARG	
	13	us- 2002/0043278 A1	04/18/2002	HASHIMOTO ET AL.	
	14	us- 6,534,704 B2	03/18/2003	HASHIMOTO ET AL.	
	15	us- 5,948,176	09/07/1999	RAMANATHAN ET AL.	
		US-			

Cite			JMENTS		
.Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
	Country Code ³ Number Kind ⁴ Code ⁵ (if known)	MM-DD-YYYY			
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